

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN013017.D
 Acq On : 09 Dec 2020 18:20
 Operator : CG/JU
 Sample : L4941-03
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX8

Manual Integrations
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 12/11/2020 1:17:52 PM

Quant Time: Dec 10 01:06:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 07:33:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1008	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.14	136	3965	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.05	164	2202	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	4572m	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	3694	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	3438	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.75	152	1162	0.20	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2600	0.21	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	386	0.037	ng/ul#	62
9) Fluorene	15.11	166	218	0.022	ng/ul#	89
12) Phenanthrene	16.85	178	6592	0.430	ng/ul	99
13) Anthracene	16.94	178	906	0.069	ng/ul#	88
15) Fluoranthene	18.88	202	22051	1.211	ng/ul	99
17) Pyrene	19.25	202	18926	1.085	ng/ul	96
18) Benzo(a)anthracene	21.02	228	10410	0.681	ng/ul	98
19) Chrysene	21.07	228	12944	0.767	ng/ul	99
21) Benzo(b)fluoranthene	22.52	252	16723m	1.051	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	6150m	0.350	ng/ul	
23) Benzo(a)pyrene	23.04	252	10101	0.684	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.19	276	6763	0.349	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.19	278	1627	0.106	ng/ul#	64
26) Benzo(g,h,i)perylene	25.82	276	5627	0.321	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

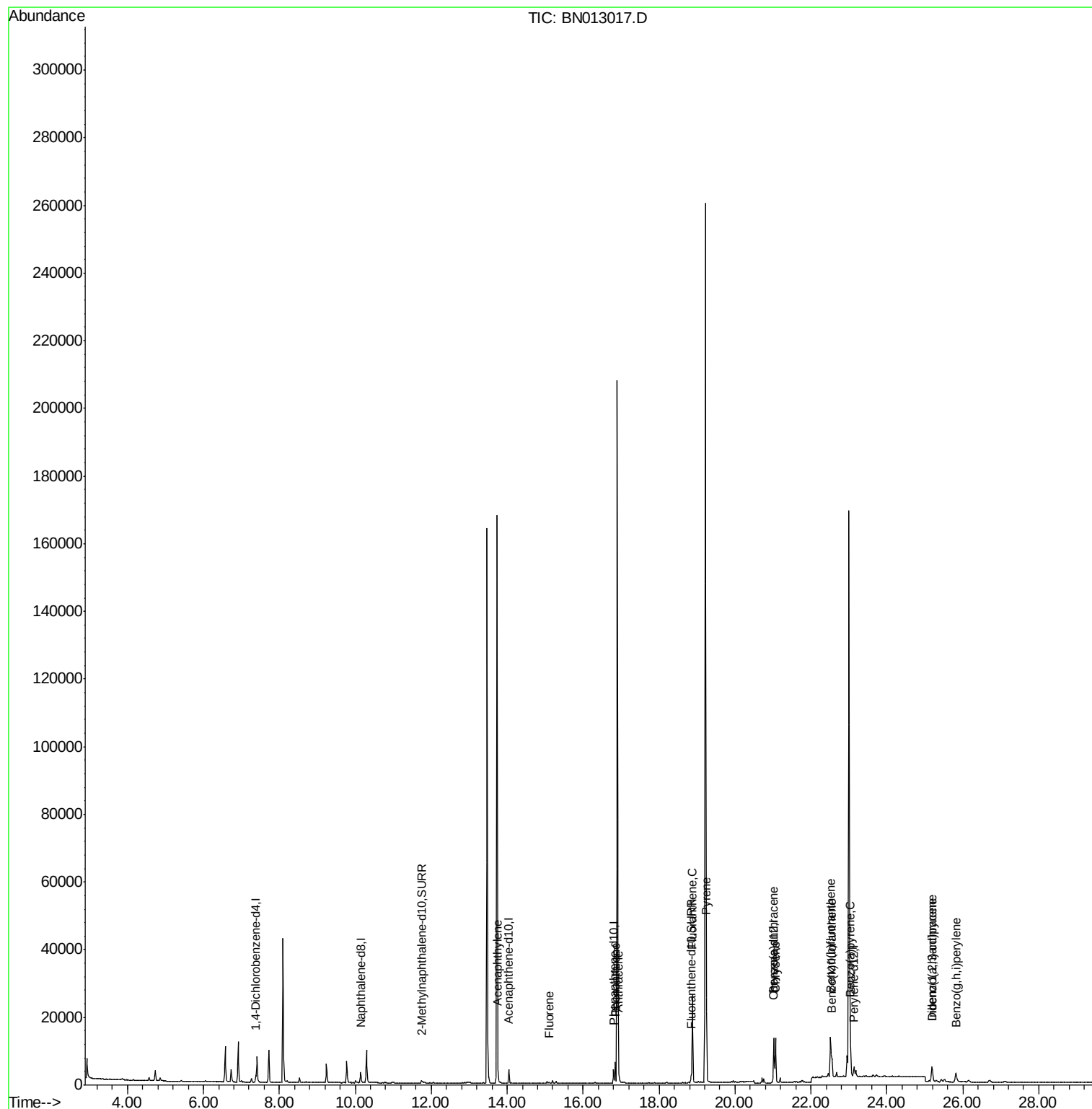
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN013017.D
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ALS Vial : 87 Sample Multiplier: 1

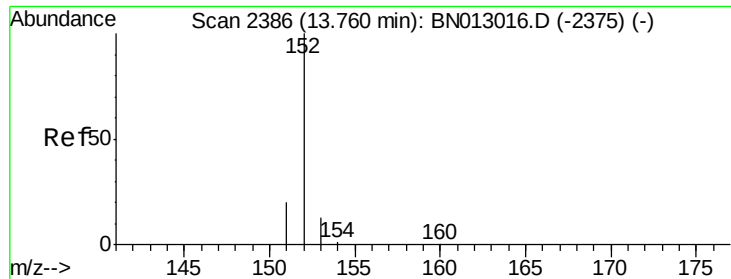
Instrument :
BNA_N
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C0AX8

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Quant Time: Dec 10 01:06:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 07:33:34 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.037 ng/ul

RT: 13.76 min Scan# 2387

Delta R.T. -0.00 min

Lab File: BN013017.D

Acq: 09 Dec 2020 18:20

Instrument :

BNA_N

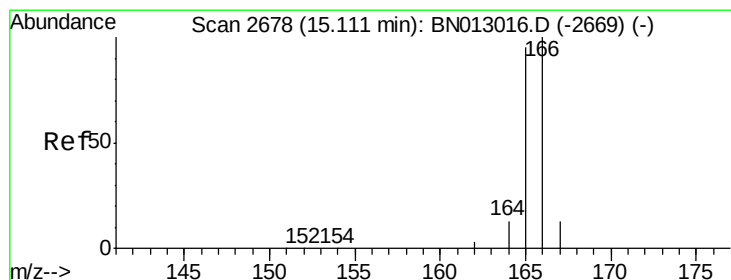
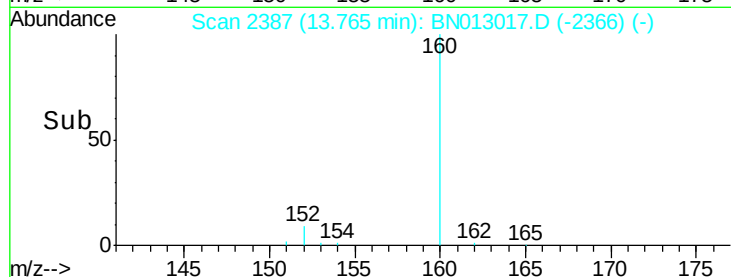
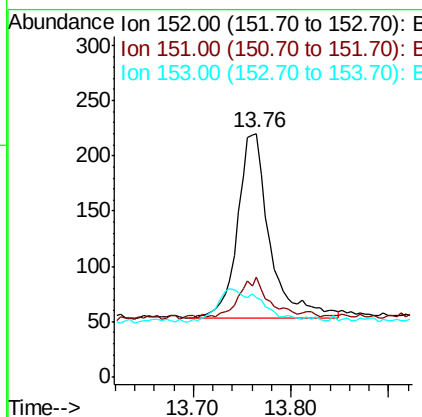
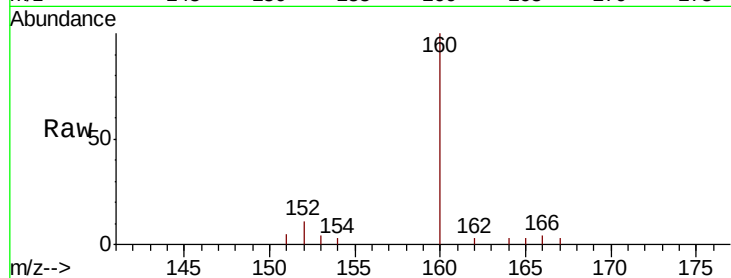
ClientSampleId :

C0AX8

Tot Ion:	152	Resp:	386
Ion Ratio	Lower	Upper	
152	100		
151	40.9	18.2	27.4#
153	32.7	13.1	19.7#

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#9

Fluorene

Concen: 0.022 ng/ul

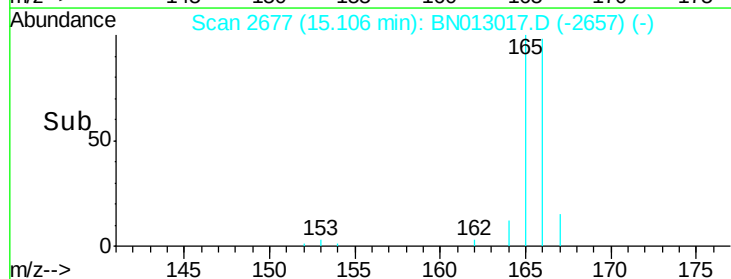
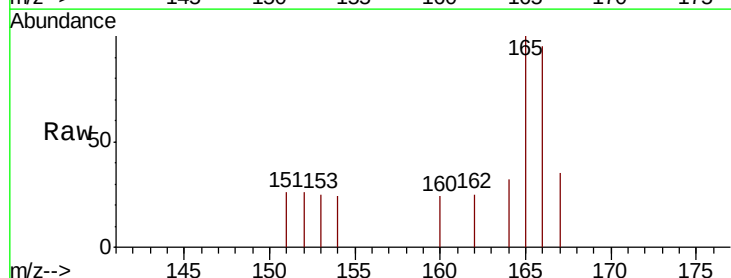
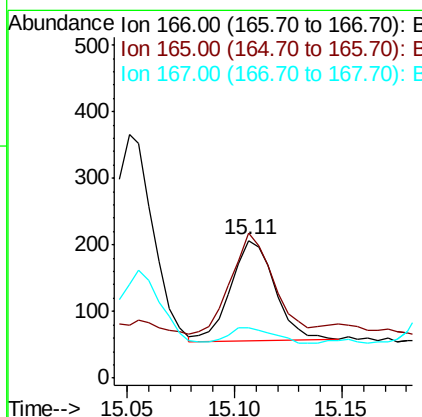
RT: 15.11 min Scan# 2677

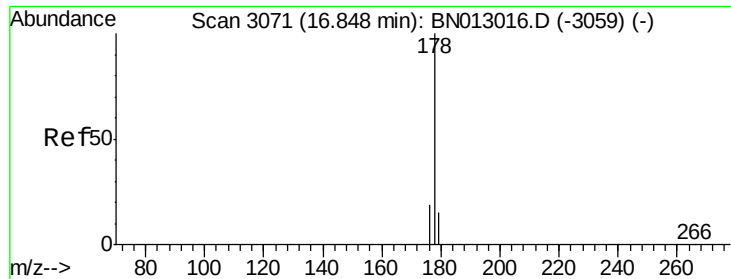
Delta R.T. -0.01 min

Lab File: BN013017.D

Acq: 09 Dec 2020 18:20

Tgt Ion:	166	Resp:	218
Ion Ratio	Lower	Upper	
166	100		
165	104.8	79.8	119.8
167	36.2	13.8	20.8#





#12

Phenanthrene

Concen: 0.430 ng/ul

RT: 16.85 min Scan# 3071

Delta R.T. -0.00 min

Lab File: BN013017.D

Acq: 09 Dec 2020 18:20

Instrument :

BNA_N

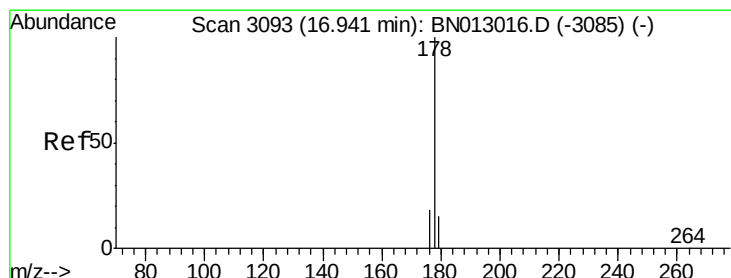
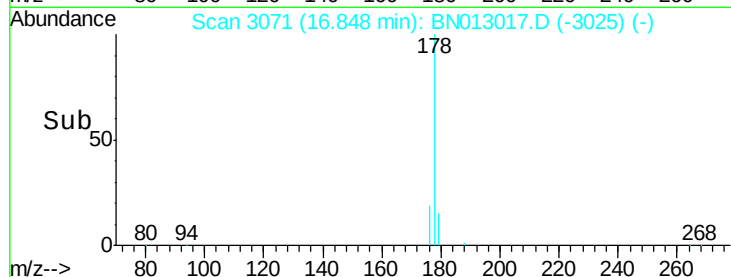
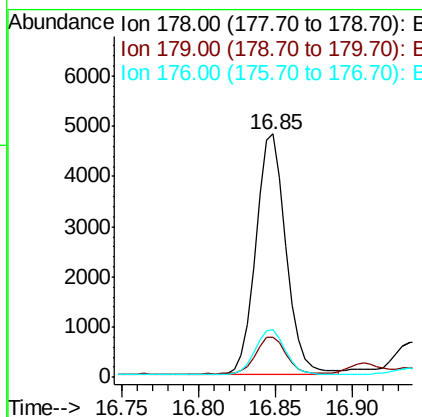
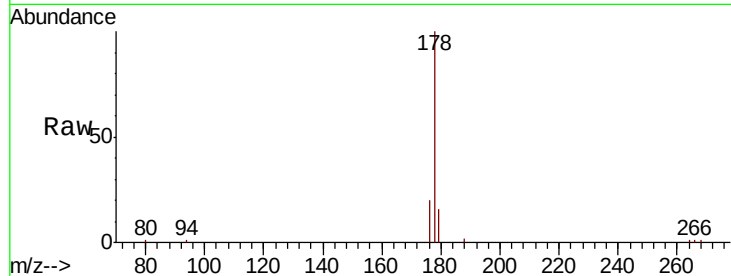
ClientSampleId :

C0AX8

Tot Ion:178	Resp:	6592
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.6 20.4
176	19.9	16.4 24.6

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#13

Anthracene

Concen: 0.069 ng/ul

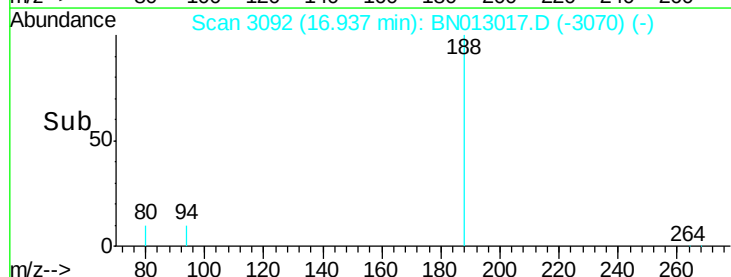
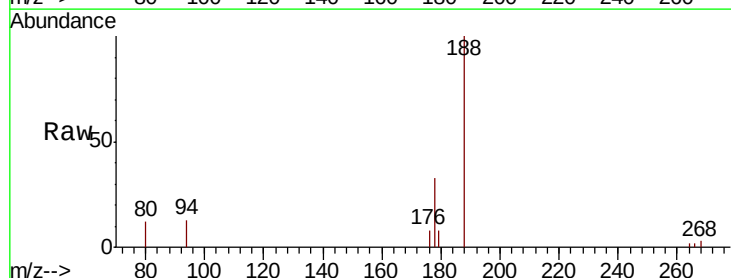
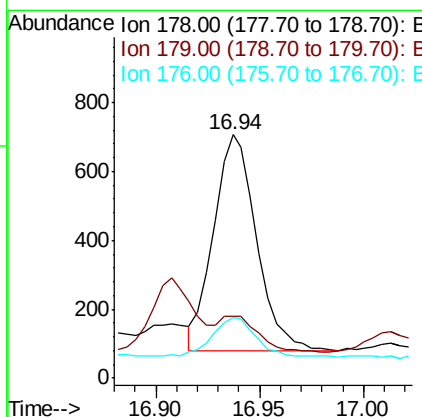
RT: 16.94 min Scan# 3092

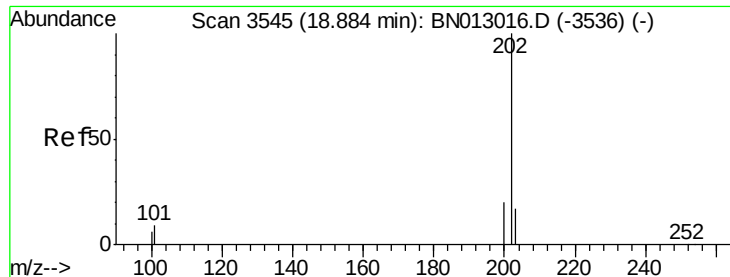
Delta R.T. -0.01 min

Lab File: BN013017.D

Acq: 09 Dec 2020 18:20

Tgt Ion:178	Resp:	906
Ion Ratio	Lower	Upper
178	100	
179	25.5	14.6 21.8#
176	25.0	17.1 25.7





#15

Fluoranthene

Concen: 1.211 ng/ul

RT: 18.88 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BN013017.D

Acq: 09 Dec 2020 18:20

Instrument :

BNA_N

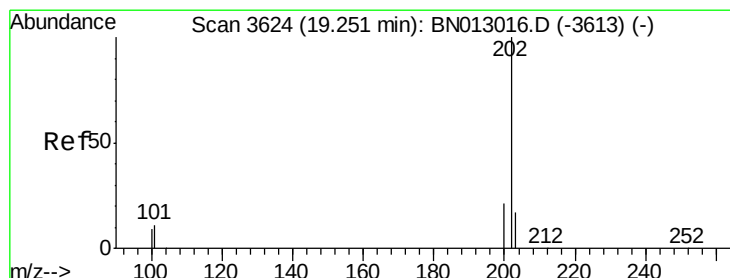
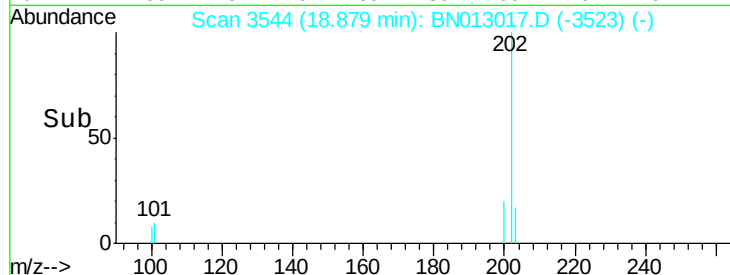
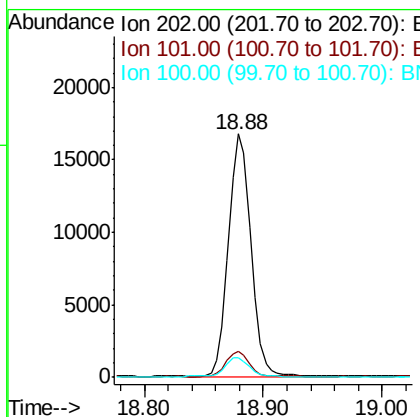
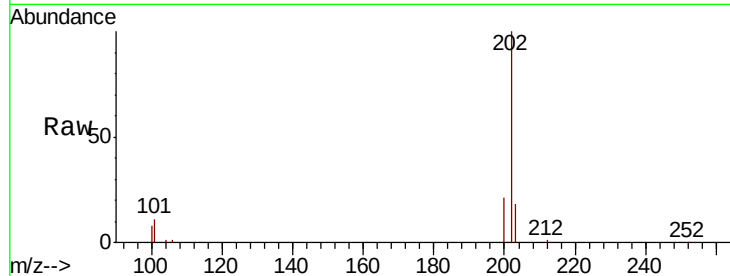
ClientSampleId :

C0AX8

Tot Ion:	202	Resp:	22051
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	30.6
100	8.3	0.0	28.7

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#17

Pyrene

Concen: 1.085 ng/ul

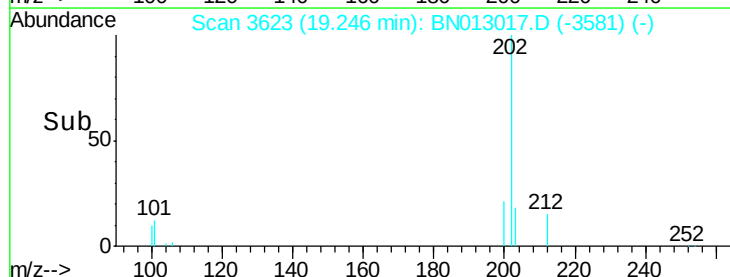
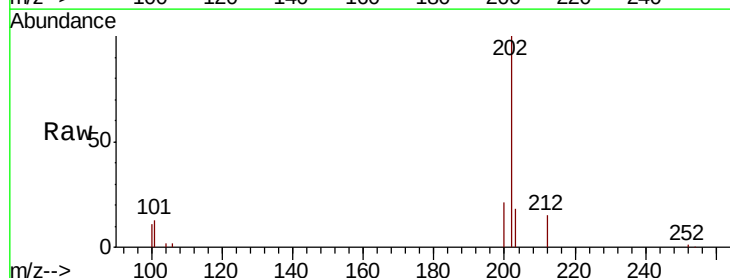
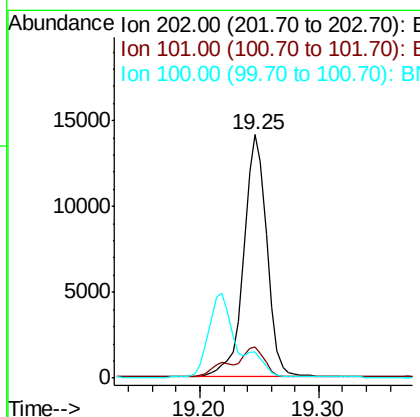
RT: 19.25 min Scan# 3623

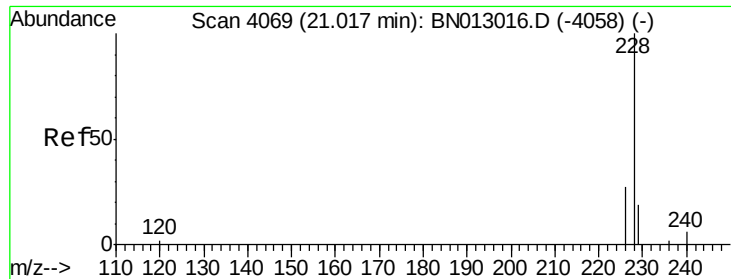
Delta R.T. -0.00 min

Lab File: BN013017.D

Acq: 09 Dec 2020 18:20

Tgt Ion:	202	Resp:	18926
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.1	13.7
100	10.7	7.5	11.3





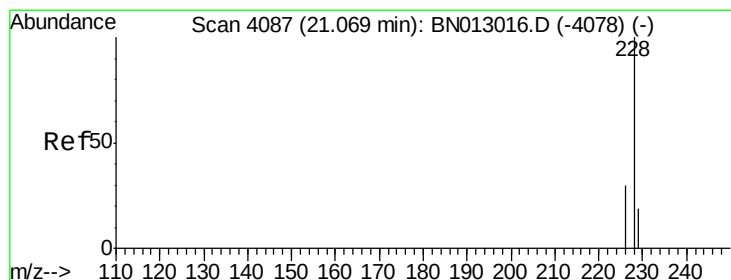
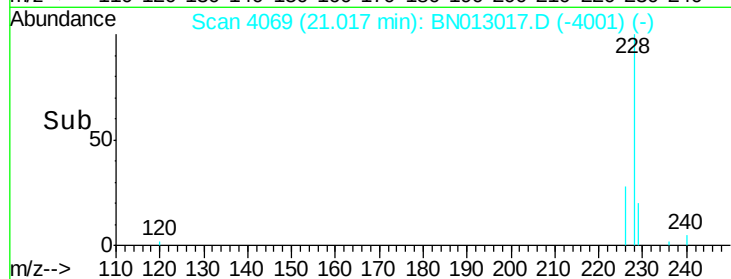
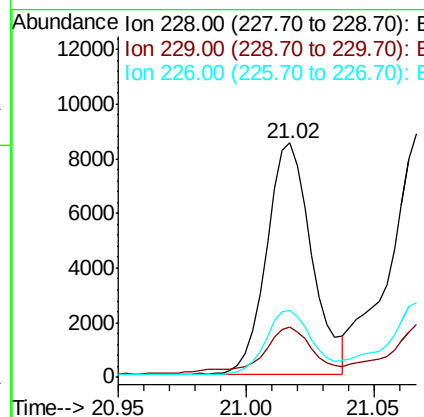
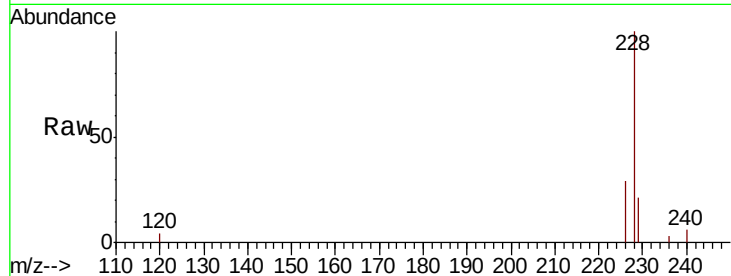
#18
Benzo(a)anthracene
Concen: 0.681 ng/ul
RT: 21.02 min Scan# 4069
Delta R.T. -0.00 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
C0AX8

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.3	24.5
226	28.7	23.4	35.2

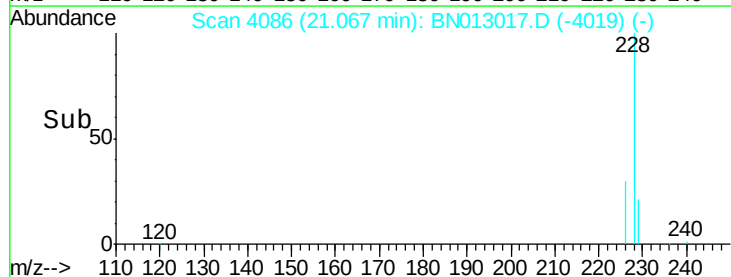
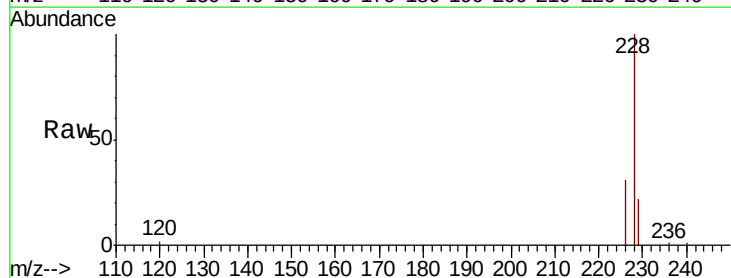
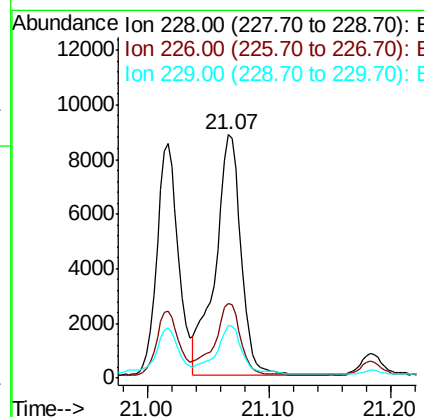
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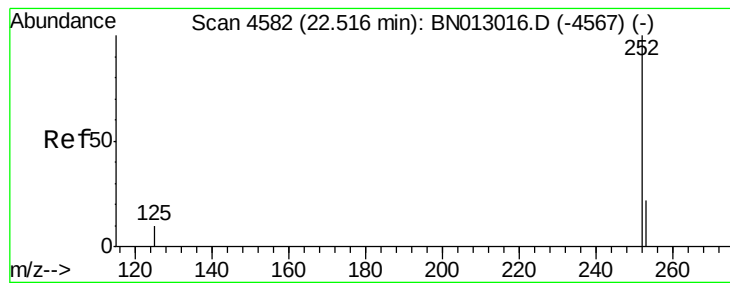
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#19
Chrysene
Concen: 0.767 ng/ul
RT: 21.07 min Scan# 4086
Delta R.T. -0.01 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.6	16.4	24.6





#21

Benzo(b)fluoranthene

Concen: 1.051 ng/ul m

RT: 22.52 min Scan# 4582

Delta R.T. -0.00 min

Lab File: BN013017.D

Acq: 09 Dec 2020 18:20

Instrument :

BNA_N

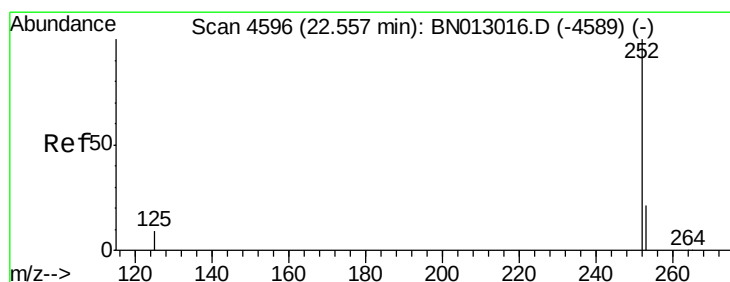
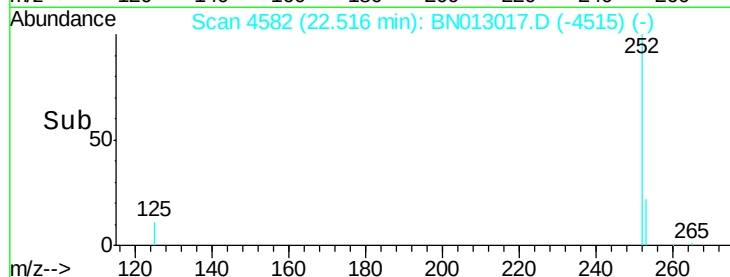
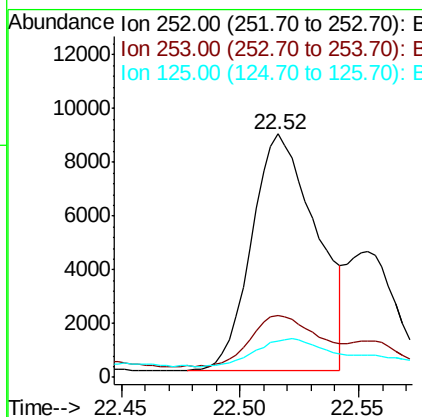
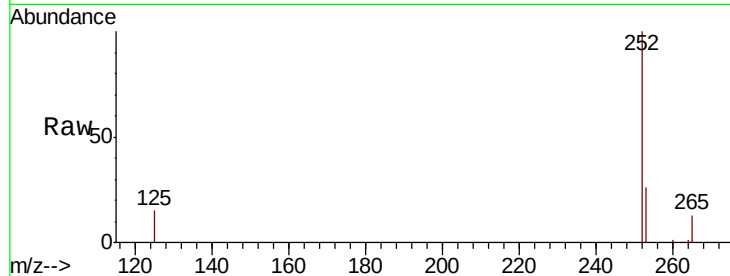
ClientSampleId :

C0AX8

Tot Ion:	252	Resp:	16723
Ion Ratio	Lower	Upper	
252	100		
253	25.6	0.0	59.6
125	15.0	0.0	26.0

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#22

Benzo(k)fluoranthene

Concen: 0.350 ng/ul m

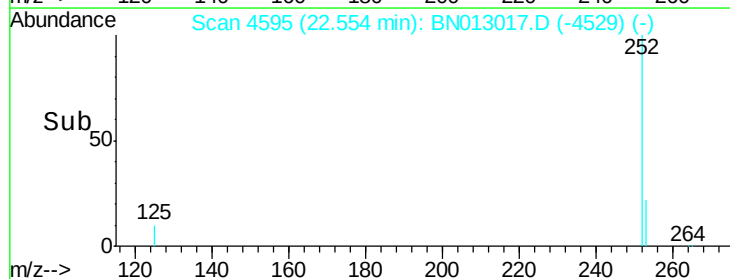
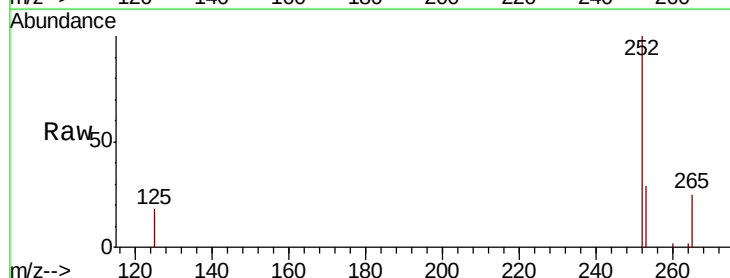
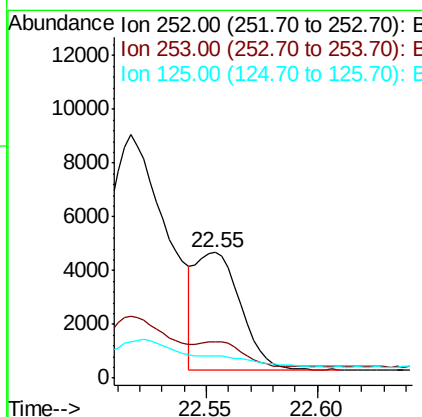
RT: 22.55 min Scan# 4595

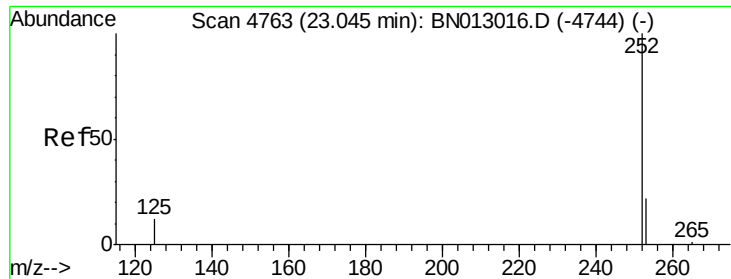
Delta R.T. -0.01 min

Lab File: BN013017.D

Acq: 09 Dec 2020 18:20

Tgt Ion:	252	Resp:	6150
Ion Ratio	Lower	Upper	
252	100		
253	29.2	23.4	35.2
125	17.8	11.1	16.7#





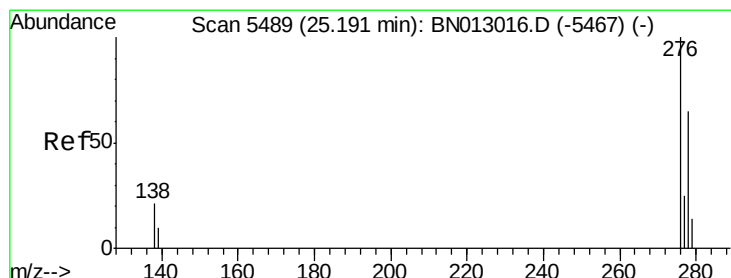
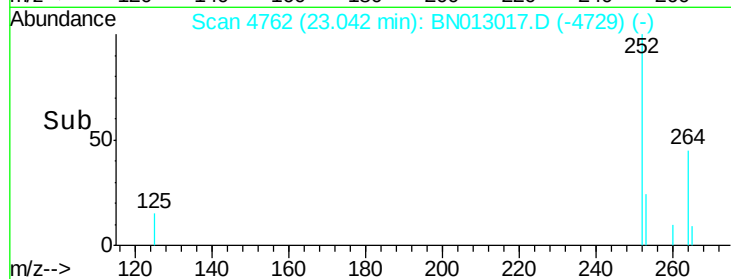
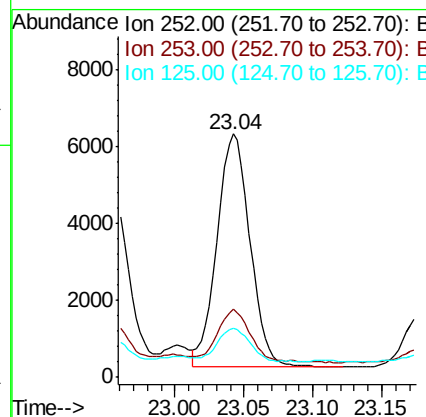
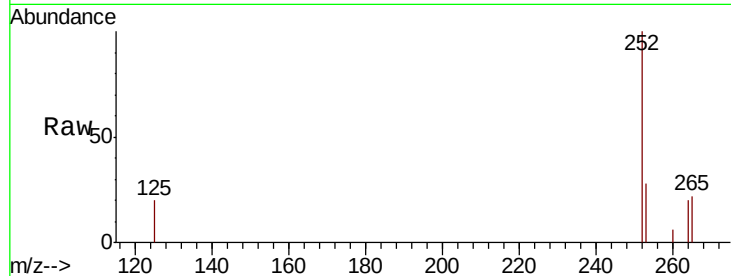
#23
Benzo(a)pyrene
Concen: 0.684 ng/ul
RT: 23.04 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Instrument :
BNA_N
ClientSampleId :
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Tot Ion:	252	Resp:	10101
Ion Ratio	Lower	Upper	
252	100		
253	27.8	26.5	39.7
125	20.0	14.2	21.2

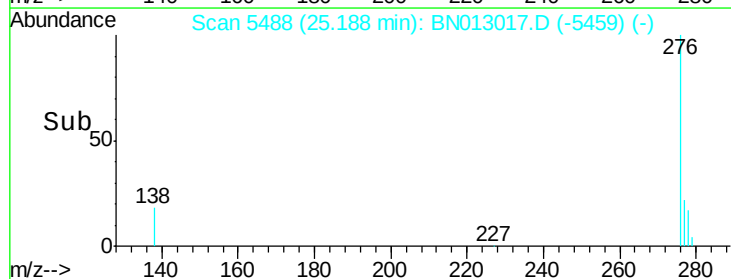
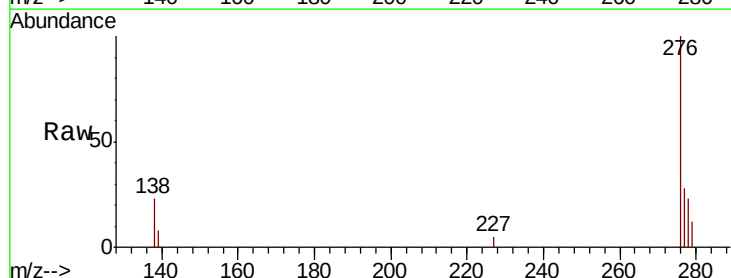
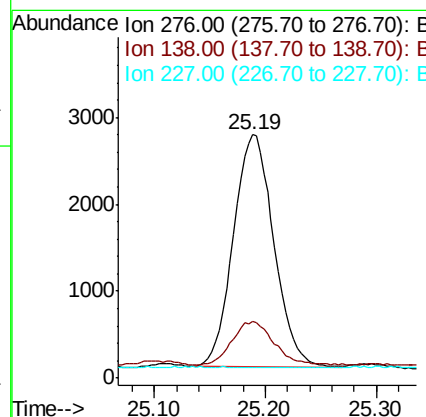
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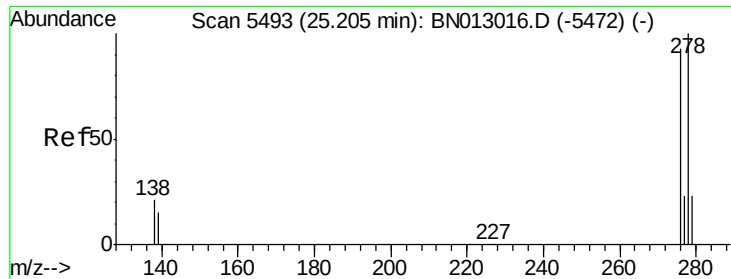
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.19 min Scan# 5488
Delta R.T. -0.00 min
Lab File: BN013017.D
Acq: 09 Dec 2020 18:20

Tgt Ion:	276	Resp:	6763
Ion Ratio	Lower	Upper	
276	100		
138	19.1	16.2	24.2
227	0.0	0.0	0.0#





#25

Dibenzo(a,h)anthracene

Concen: 0.106 ng/ul

RT: 25.19 min Scan# 5489

Delta R.T. -0.02 min

Lab File: BN013017.D

Acq: 09 Dec 2020 18:20

Instrument :

BNA_N

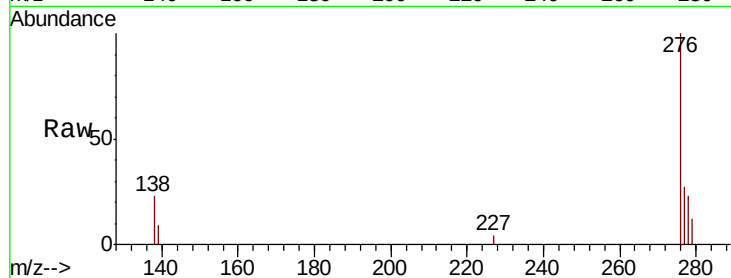
ClientSampleId :

C0AX8

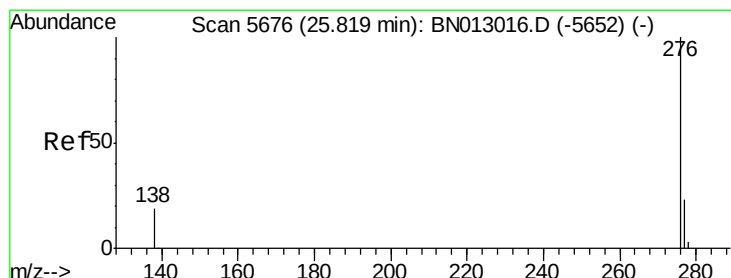
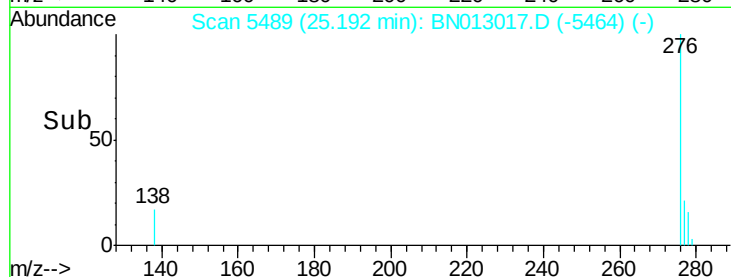
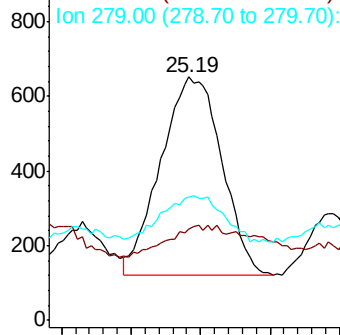
Tot Ion:	278	Resp:	1627
Ion Ratio	Lower	Upper	
278	100		
139	37.4	14.5	21.7#
279	50.5	26.3	39.5#

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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26

Benzo(g,h,i)perylene

Concen: 0.321 ng/ul

RT: 25.82 min Scan# 5675

Delta R.T. -0.01 min

Lab File: BN013017.D

Acq: 09 Dec 2020 18:20

Tgt Ion:	276	Resp:	5627
Ion Ratio	Lower	Upper	
276	100		
138	25.6	16.3	24.5#
277	28.5	21.8	32.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

